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(71) Applicant (for all designated States except US): **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JACOBSEN, Grant, Berent** [GB/FR]; 343, chemin du Petit Nice, F-13320 Bouc-Bel-Air (FR). **KIMBERLEY, Brian, Stephen** [GB/FR]; 1116, rue Camille Saint Saens, F-13320 Bouc-Bel-Air (FR). **LALANNE-MAGNE, Claudine, Viviane** [FR/FR]; 32 bis, boulevard Pablo Neruda, F-13920 Saint Mitre Les Remparts (FR). **MASTROIANNI, Sergio** [FR/FR]; 33, avenue des Esperelles, Appartement 203, F-13500 Martigues (FR).

(74) Agent: **HAWKINS, David, George**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).

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(54) Title: **SUPPORTED OFTIEN POLYMERIZATION CATALYST**

(57) Abstract: Supported catalyst systems are provided comprising (a) a transition metal compound, (b) an activator comprising (iii) an aluminosilicate or (iv) a Group IIA metal or metalloid compound, and (c) a support material comprising an inorganic metal oxide, inorganic metal halide or polymeric material or mixtures thereof characterised in that the support material has been pretreated with a source of a transition metal atom. The preferred transition metal compounds are metallocenes and the source of the transition metal atom is typically a ferrous or cupric metal salt. The supported catalyst systems show improved activity and also may reduce fouling in gas phase fluidised bed processes.

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